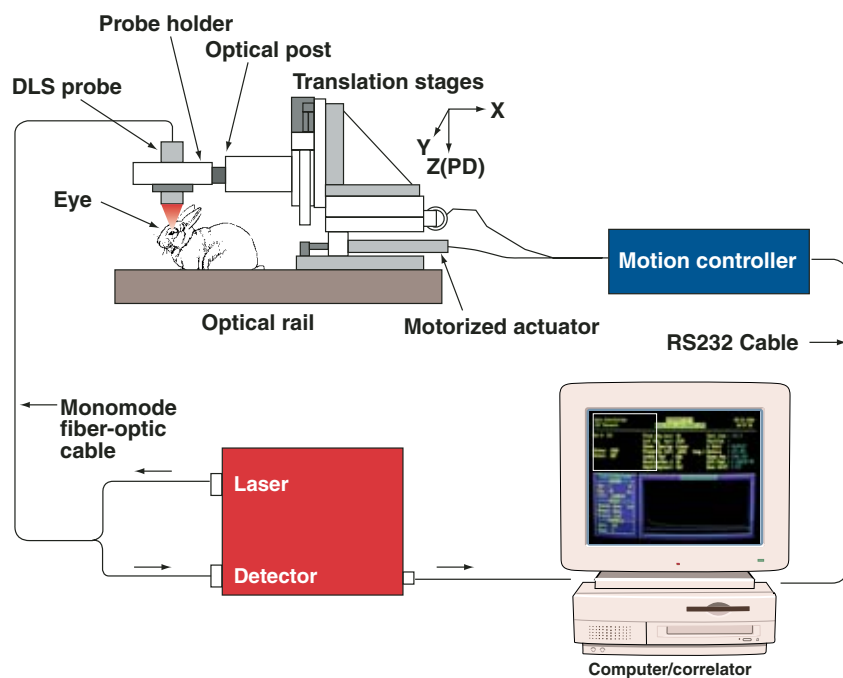
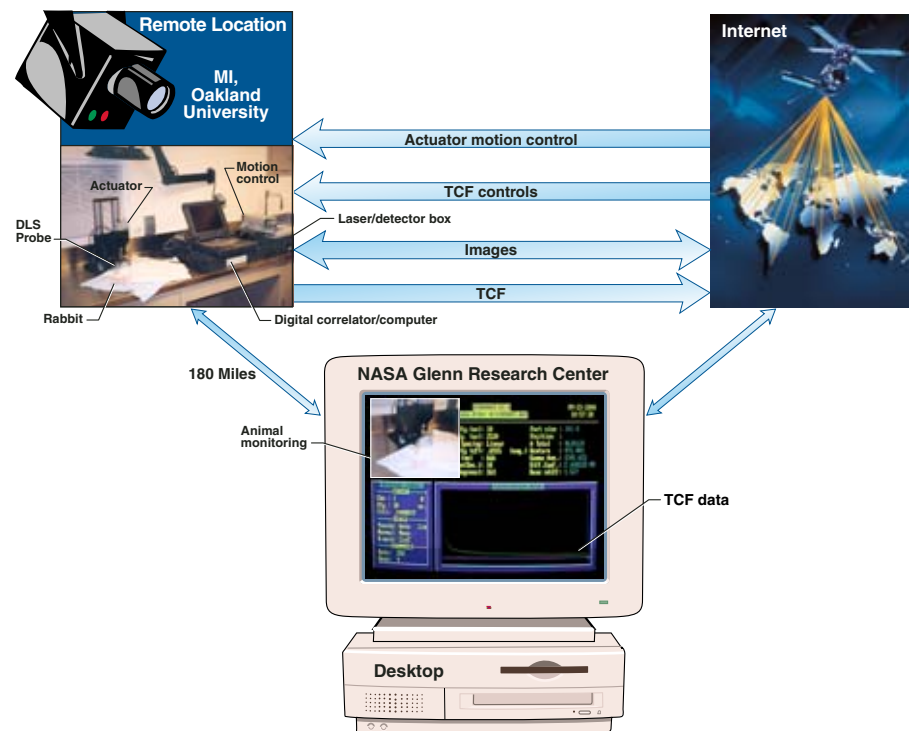


# Noninvasive, Quantitative, and Remote Detection of Early Radiation Cataracts for Applications in Bio-Astronautics and Bio-Informatics

## In-Vivo Animal Monitoring Experimental Setup

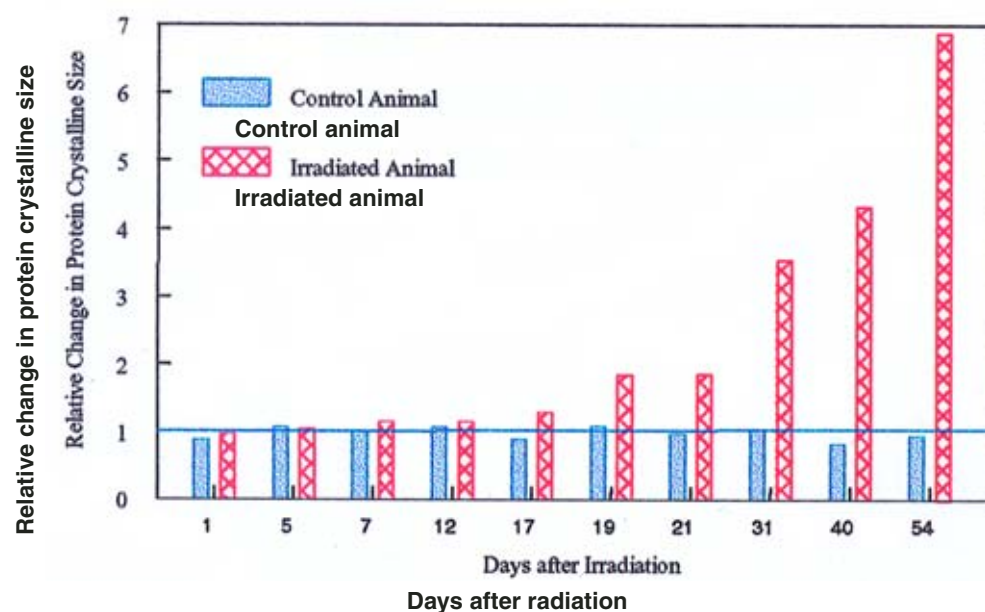


## DLS and Bio-Informatics: Collection of In-Vivo Cataract Data in Cyberspace



## Environmental Ocular Toxicity: Effects of X-Ray Irradiation

**DLS detects nuclear cataract as early as day 7**



**Conventional methods detects nuclear cataract by day 64**

**STAIF 2002 Outstanding Paper Award**